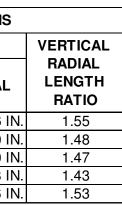


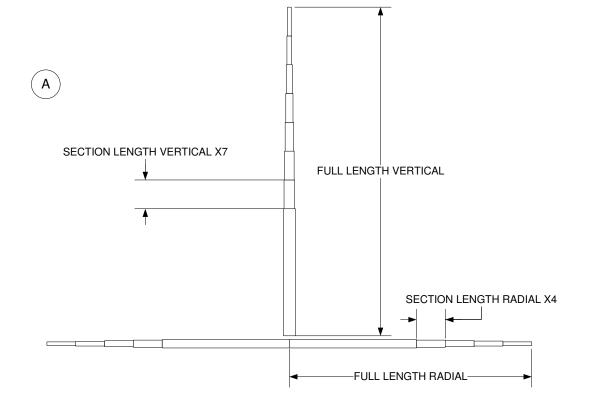
BAND SECTION LENGTH FULL LENGTH 10M 12.0 IN. 10.4 IN. 120.0 IN. 77.6 12M 14.3 IN. 14.0 IN. 136.1 IN. 92.0 15M 17.5 IN. 18.0 IN. 158.5 IN. 108.0									
BAND VERTICAL RADIAL VERTICAL RADIA 10M 12.0 IN. 10.4 IN. 120.0 IN. 77.6 12M 14.3 IN. 14.0 IN. 136.1 IN. 92.0 15M 17.5 IN. 18.0 IN. 158.5 IN. 108.0	MEASURED AND TESTED DIMENSION								
VERTICAL RADIAL VERTICAL RADIA 10M 12.0 IN. 10.4 IN. 120.0 IN. 77.6 12M 14.3 IN. 14.0 IN. 136.1 IN. 92.0 15M 17.5 IN. 18.0 IN. 158.5 IN. 108.0		SECTION	LENGTH	FULL LENGTH					
12M 14.3 IN. 14.0 IN. 136.1 IN. 92.0 15M 17.5 IN. 18.0 IN. 158.5 IN. 108.0	BAND	VERTICAL	RADIAL	VERTICAL	RADIA				
15M 17.5 IN. 18.0 IN. 158.5 IN. 108.0	10M	12.0 IN.	10.4 IN.	120.0 IN.	77.6				
	12M	14.3 IN.	14.0 IN.	136.1 IN.	92.0				
	15M	17.5 IN.	18.0 IN.	158.5 IN.	108.0				
17M 21 IN. 23 IN. 183 IN. 128	17M	21 IN.	23 IN.	183 IN.	128				
20M 29 IN. 30 IN. 239 IN. 156	20M	29 IN.	30 IN.	239 IN.	156				

		SIDE	VIEW		
	MP24				
19	H20			MP26	
20	H21, H36			- H26	
	H22, H35	a		H22, H35	
21	H7 ⁻				
	MP25			MP27	
22	H23 ⁻				
	H24, H38			H25, H37	
- MP23	H25, H37			H27	
		MP29			
— H19		В			
- 140					
— H18					
— H17			.		
— H16		<u> </u>			
					A
			-	ľ	

				PARTS LIST		
ITEM	QTY	REFERENCE	MAKE	MODEL	DESCRIPTION	
1	1	H6	DX ENGINEERING	DXE-ECLS-100	CLAMP, SS, #10-24 STUD, 1/2 IN. WIDTH, 1.000 IN. OD	
2	1	H7	DX ENGINEERING	DXE-ECLS-125	CLAMP, SS, #10-24 STUD, 1/2 IN. WIDTH, 1.125 TO 1.250 IN. OD	
3	3	H1, H14, H19	DX ENGINEERING	DXE-ECL-020	CLAMP, SS, 5/16 IN. WIDTH, 0.375 TO 0.500 IN. OD	
4	3	H2, H13, H18	DX ENGINEERING	DXE-ECL-040	CLAMP, SS, 5/16 IN. WIDTH, 0.625 IN. OD	
5	6	H3, H4, H11, H12, H17, H18	DX ENGINEERING	DXE-ECL-060	CLAMP, SS, 5/16 IN. WIDTH, 0.750 TO 0.875 IN. OD	
6	3	H5, H10, H15	DX ENGINEERING	DXE-ECL-10SS	CLAMP, SS, 9/16 IN. WIDTH, 1.000 IN. OD	
7	2	H8, H9	DX ENGINEERING	DXE-ECL-12SS	CLAMP, SS, 9/16 IN. WIDTH, 1.125 TO 1.250 IN. OD	
8	3	MP1, MP17, MP23	DX ENGINEERING	DXE-VC-0375	END CAP, VINYL, BLACK, UV RESISTANT, 0.5 IN. L, FITS 0.375 IN. O.D	
9	4	H30, H34, H40, H42	LOCAL SOURCE	BEST	HARDWARE, BOLTS, 1/4-20, 2.5 INCH LENGTH	
10	4	H22, H25, H35, H37	LOCAL SOURCE	BEST	HARDWARE, BOLTS, 1/4-20, 6.0 INCH LENGTH	
11	8	H21, H24, H29, H33, H36, H38, H39, H41	LOCAL SOURCE	BEST	HARDWARE, NUTS, 1/4-20	
12	4	H28, H31, H32, H43	DX ENGINEERING	DXE-RSB-DP-3	MOUNT, RESIN SUPPORT BLOCK REINFORCEMENT PLATE, 0.75 AND 1.00 IN.	
13	4	H20, H23, H26, H27	DX ENGINEERING	DXE-RSB-DP-5	MOUNT, RESIN SUPPORT BLOCK REINFORCEMENT PLATE, 1.25 AND 1.50 IN.	
14	2	MP28, MP29	DX ENGINEERING	DXE-RSB-I10000	MOUNT, RESIN SUPPORT BLOCK, 1.000 IN.	
15	2	MP24, MP25	DX ENGINEERING	DXE-RSB-I12500	MOUNT, RESIN SUPPORT BLOCK, 1.250 IN.	
16	2	MP26, MP27	DX ENGINEERING	DXE-RSB-I11500	MOUNT, RESIN SUPPORT BLOCK, 1.500 IN.	
17	1	MP8	DX ENGINEERING	DXE-MMP-KX4O	PLATE, VERTICAL DIPOLE ANTENNA SUPPORT PLATE PER KX4O-000050	
18	3	MP2, MP16, MP22	DX ENGINEERING	DXE-AT1240	TUBE, ALUMINUM, 0.375 IN. DIA., 0.058 IN. WALL, NO SLIT, 3 FT.	
19	3	MP3, MP15, MP21	DX ENGINEERING	DXE-AT1241	TUBE, ALUMINUM, 0.500 IN. DIA., 0.058 IN. WALL, SLIT END, 3 FT.	
20	3	MP4, MP14, MP20	DX ENGINEERING	DXE-AT1242	TUBE, ALUMINUM, 0.625 IN. DIA., 0.058 IN. WALL, SLIT END, 3 FT.	
21	3	MP5, MP13, MP19	DX ENGINEERING	DXE-AT1243	TUBE, ALUMINUM, 0.750 IN. DIA., 0.058 IN. WALL, SLIT END, 3 FT.	
22	3	MP6, MP12, MP18	DX ENGINEERING	DXE-AT1244	TUBE, ALUMINUM, 0.875 IN. DIA., 0.058 IN. WALL, SLIT END, 3 FT.	
23	1	MP7	DX ENGINEERING	DXE-AT-KX4O	TUBE, ALUMINUM, 1.000 IN. DIA., 0.058 IN. WALL, SLIT BOTH ENDS, 1 FT.	
24	1	MP11	DX ENGINEERING	DXE-AT1245	TUBE, ALUMINUM, 1.000 IN. DIA., 0.058 IN. WALL, SLIT END, 3 FT.	
25	1	MP10	DX ENGINEERING	DXE-AT1246	TUBE, ALUMINUM, 1.125 IN. DIA., 0.058 IN. WALL, SLIT END, 3 FT.	
26	1	MP9	DX ENGINEERING	DXE-AT1247	TUBE, ALUMINUM, 1.250 IN. DIA., 0.058 IN. WALL, SLIT END, 3 FT.	
27	1	MP30	ON-STAGE	SS7761B	STAND, SPEAKER, ALUMINUM, 1.5" REVERSIBLE UPPER SHAFT, SAFETY PIN	

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			REVISIONS		
ZONE	REV	DES	SCRIPTION	DATE	APPROVED
-	-	INITIA	L REVISION	2013-07-18	J. S. HUGGINS
A4, G2	А	GRAPHIC FIX, DIMENSION	CHART CLARITY IMPROVEMENT	2013-07-21	J. S. HUGGINS
B5, E2	В	FIXED ANNOTATION PLACEME	NT, FIXED BOM ITEM 25 REFERENCE	2013-07-27	J. S. HUGGINS
E2	С	MP7 & MP8 NOW DX ENGINEERIN	G PARTS, ADDED STAND MAKE/MODEL	2013-08-01	J. S. HUGGINS





BC

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NO CLAIM IS MADE ON ANTENNA DESIGN AS IT IS BASED ON IDEAS IN THE PUBLIC DOMAIN			E STANDING VERTICAL ICAL HATTED DIPOLE ANTENNA	ŀ
	SIZE	ENTITY	DWG NO	
	D	KX4O	P000049	

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